

### **AMENDMENT TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS:**

Claims 1 to 12. (Canceled).

13. (Previously Presented) A set, comprising:  
a battery charger, charge parameters of the battery charger being variable;  
a unit including a battery to be charged;  
a connection element removable from the battery charger; and  
an arrangement outside the battery charger configured to automatically determine at least one electrical parameter of a charge upon connection of the unit to the battery charger via the connection element.

14. (Currently Amended) The set according to claim ~~43~~ 39, wherein the connection element includes a cable, a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit, and wherein the arrangement is arranged in one of the connection element first connector and the second connector.

15. (Currently Amended) The set according to claim ~~43~~ 39, wherein the arrangement includes at least one electronic component.

16. (Previously Presented) The set according to claim 15, wherein the electronic component includes a resistor.

17. (Currently Amended) The set according to claim 13 ~~14~~, wherein the connection element includes a connector configured to cooperate with a complementary connector of the battery charger, the arrangement arranged in the connector of the connection element.

18. (Currently Amended) The set according to claim ~~13~~ 14, wherein the arrangement is arranged in one a cable of the connection element and a connector configured to cooperate with a complementary connector of the unit.

19. (Currently Amended) The set according to claim ~~13~~ 39, wherein the battery charger is configured to charge a battery of a portable telephone.

Claims 20 and 21. (Canceled).

22. (Currently Amended) A connection element configured to connect a battery charger to a battery unit, comprising:

at least one component configured to determine in the battery charger parameters of a charge of the battery unit, the connection element removable from the battery charger and from the unit.

23. (Previously Presented) The connection element according to claim 22, wherein the at least one component includes at least one electronic component, terminals of the electronic component configured to connect to the battery charger via a connector of the connection element.

24. (Previously Presented) The connection element according to claim 23, wherein the electronic component includes a resistor.

Claims 25 and 26. (Canceled).

27. (Currently Amended) The set according to claim ~~26~~ 15, wherein the at least one electronic component includes a plurality of electronic components.

Claim 28. (Canceled).

29. (Previously Presented) The set according to claim 13, wherein the connection element includes a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.

30. (Currently Amended) The set according to claim ~~43~~ 39, wherein the battery charger is connectable to a plurality of connection elements having varying geometric shapes, the plurality of connection elements including the connection element.

31. (Currently Amended) The set according to claim ~~43~~ 39, wherein the battery charger includes at least one terminal connectable to a high potential current provider.

32. (Currently Amended) The set battery charger according to claim ~~38~~ 20, wherein the battery charger includes further comprising at least one terminal connectable to a high potential current provider.

33. (Currently Amended) The set according to claim ~~43~~ 39, wherein the connection of the unit to the battery charger forms an electric circuit, the at least one electrical parameter automatically determined as a function of a components value of the electric circuit.

34. (Currently Amended) The set according to claim ~~43~~ 39, wherein the unit is one of a plurality of units, the battery charger connectable to each unit of the plurality of units, the connection element connectable only to the unit.

35. (Currently Amended) The set according to claim ~~43~~ 39, wherein the at least one electrical parameter includes at least one of a voltage parameter and a current parameter.

36. (Previously Presented) The connection element according to claim 22, further comprising a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.

37. (New) A set, comprising:

a battery charger, charge parameters of the battery charger being variable;  
a unit including a battery to be charged; and

a connection element removable from the battery charger and including an arrangement configured to automatically determine at least one electrical parameter of a charge upon connection of a unit to be charged to the battery charger via the connection element, the connection element adapted to connect the unit to the battery charger.

38. (New) The set according to claim 37, wherein:

the connection element includes a cable, a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit; and  
the arrangement is arranged in one of the first connector and the second connector.

39. (New) A set, comprising:

a battery charger, charge parameters of the battery charger being variable;  
a unit including a battery to be charged;  
a connection element configured to connect the unit to the battery charger and removable from the battery charger and from the unit; and  
an arrangement arranged in the connection element configured to automatically determine at least one electrical parameter of a charge upon connection of the unit to the battery charger via the connection element.

40. (New) The set according to claim 13, wherein the connection element is removable from the unit.

41. (New) The set according to claim 13, wherein the arrangement is configured to receive at least one input signal and to determine the at least one electrical parameter based on the at least one input signal.